

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	17	galvanostat adj circuit	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 09:32
L10	3	"11245878"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 09:50
L15	56069	gain near3 set\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:36
L16	62	204/400-435.ccls. and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:36
L17	559	(gain adj circuit) near3 set \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:39
L18	0	204/400-435.ccls. and 17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:39
L19	18709	702/25.ccls. or 324/694,439,464.ccls. or 250/281.ccls. or 210/85. ccls. or 204/400-435.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:45
L20	0	19 and 17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:46
L21	126	19 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:46
L22	68	21 and @py< "2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:46
L23	10863	sagawa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:00
L24	30	(kiyoshi with sagawa).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:00
L25	80	(kiyoshi with sagawa).in. or (shinichi with Harima). in. or (kazuo with onaga). in. or (junko with yanagitani).in. or (osamu with inazawa).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:01

L26	15	25 and (galvanic or galvanometer or (water adj quality) or chlorine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:01
L27	1923	tanita.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:02
L29	22	27 and (galvanic or galvanometer or (water adj quality) or chlorine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:02
S1	2968	204/400,416,433.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:06
S2	1422	water near5 quality near5 analy\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:07
S3	1088	water near3 quality near3 analy\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:07
S4	948	water near quality near3 analy\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:07
S5	9	S4 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:07
S6	2	(S4 and S1) and (imped \$5 or resist\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:08
S7	0	204/400,416,433.cds. and (impedance near5 adjust)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:14
S8	12	204/400,416,433.cds. and (impedance near5 control)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:14
S9	71	204/400,416,433.cds. and (impedance near5 circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:16
S10	63	S9 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:16
S11	820	chlorine near5 sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:19
S12	23	S11 and (impedance near5 (circuit or sensor or switch or control))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:19
S13	1	S11 and (impedance near5 (circuit or sensor or switch or control) near5 resistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:20

S14	1721	resistor with voltage adj divider with electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:32
S15	83	resistor with voltage adj divider with electrode with impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:32
S16	1	S15 and (water near quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:32
S17	0	((two or pair or multiple) near5 electrode) with (impedance near adjustment near means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:53
S18	0	( electrode) with (impedance near adjustment near means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:53
S19	0	( lectrode) with (impedance near adjustment near means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:53
S20	1	(impedance near adjustment near means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:53
S21	1	"impedance adjustment means"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:54
S22	1	impedance adj adjustment adj means	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:54
S23	0	"impedance adjustment means" and "20070084722"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55
S24	0	"impedance adjustment mean" and "20070084722"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55
S25	0	"impedance adjustment mean" and "2007/0084722"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55
S26	2	"20070084722"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55
S27	0	S26 and impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55
S28	2	S26 and impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55
S29	0	S26 and "impedance adjustment means"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:56

S30	0	S26 and (impedance with adjustment with means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:56
S31	16	(impedance with adjustment with means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:56
S32	0	electrode with impedance with detect\$5 with resistor with dispersion	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:57
S33	200	electrode with impedance with detect\$5 with resistor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:57
S34	0	S33 and (water near5 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:57
S35	146	S1 and (dispersion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:58
S36	39	S1 and (dispersion with electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:58
S37	1	S4 and (offset adj voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 14:01
S38	28	S1 and (offset adj voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 14:01
S39	119	S1 and (chlorine and pH)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 14:17
S40	112	S39 and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 14:25
S41	27	S40 and impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 14:26
S42	70977	(sensing or indicat\$5) near5 electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:18
S43	557	S42 and (water near5 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:19
S44	96	S43 and (chlorine and pH)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:19
S45	16	S44 and resistor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:19

S47	15	S44 and amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:19
S48	8	S45 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:20
S49	0	S43 and (resistor and (voltage adj divider))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:27
S50	13	S43 and (resistor and (voltage adj divider))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:27
S51	0	"324".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:41
S52	0	"324/\$".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:41
S53	137805	"324".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:41
S54	13	S53 and (water near5 quality near5 analy\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:42
S55	73	S53 and (chlorine and pH)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:48
S56	35	S55 and (resistance or impedance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:49
S57	2	"20060102478"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 11:50
S58	2	(flow adj inhibitor) with hemoglobin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 11:55
S59	71	(polyamine) with hemoglobin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 11:56
S60	4	(polyamine or flow adj inhibitor) with electroosmotic near5 flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 12:06
S61	2	"20090200166"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 15:44
S62	0	putrescine with hemaglobin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 17:46

S63	44	impose with offset near5 voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/25 17:04
S64	1722	resistor with (voltage adj divider) with electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/25 17:08
S65	3	"2002214220"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:37
S66	7192	(variable near5 resistance) and (electromotive or nernst or potentiomet\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:42
S67	2271	(variable near5 resistance) with (electromotive or nernst or potentiomet\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:42
S69	1702	S67 and @py< "2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:43
S70	1	S69 and (water near5 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:44
S71	2271	(variable near5 resistance) with (electromotive or nernst or potentiomet\$5) with (variable or vary or alter \$5 or adjust\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:45
S72	1702	S71 and @py< "2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:45
S73	1	S72 and (water near5 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:45
S74	2970	204/400,416,433.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:46
S75	1	S74 and ((variable near5 resistance) with (electromotive or nernst or potentiomet\$5) with (variable or vary or alter \$5 or adjust\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:46
S76	5552	((impedance or resistance) with (electromotive or nernst or potentiomet\$5) with (variable or vary or alter \$5 or adjust\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:47

S77	4	S76 and (water near5 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:47
S78	41522	((impedance or resistance) with (variable or vary or alter\$5 or adjust\$5)) and water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:54
S79	2174	((impedance or resistance) with (variable or vary or alter\$5 or adjust\$5)) and (water or liquid) near5 (quality or analyz\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:54
S80	2174	((impedance or resistance) with (variable or vary or alter\$5 or adjust\$5)) and ((water or liquid) near5 (quality or analyz\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:54
S81	720	S80 and @py< "2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:54
S82	412	S69 and ((water or liquid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:57
S83	9	(adjust or vary or change) near5 electrodes near5 (variable adj resistance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/26 12:14
S84	7	(adjust or vary or change) near5 (variable adj resistance) near5 electrodes	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/26 12:15
S85	136	((impedance or resistance) with (variable or vary or alter\$5 or adjust\$5)) with electrodes and ((water or liquid) near5 (quality or analyz\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:16
S86	22	S85 and (electromotive or ernerst or potentiomet \$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:19
S87	22	S85 and (electromotive or ernerst or potentiomet\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:19
S89	116	(change or adjust) near5 resistance and ((water or liquid) near5 (quality or analyz\$3)) and (electromotive or ernerst or potentiomet\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:37

S90	58	S89 and @py< "2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:37
S91	6	((change or adjust) near5 resistance near5 electrode) and ((water or liquid) near5 (quality or analyz\$3)) and (electromotive or nernst or potentiomet\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:38
S92	4	((impedance adj element) and (water adj quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:55
S93	2072	(voltage adj divider) with potentiometer with resistor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 13:05
S94	1	(voltage adj divider) with potentiometer with resistor with (division adj ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 13:06
S95	74173	(voltage adj divider) or potentiometer with resistor with (division adj ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 13:06
S96	168	((voltage adj divider) or potentiometer) with resistor with (division adj ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 13:06
S97	146	galvanic adj sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:07
S98	4	S97 and (offset with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:07
S99	2	(water with quality with sensor) with ohm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:11
S100	0	(water with quality with sensor) with (impedance adj value)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:18
S101	532	((impedance adj element) with (impedance adj value)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:19
S102	0	((impedance adj element) with (impedance adj value)) and (water adj quality adj sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:19
S103	5	((impedance adj element) with (impedance adj value)) and (water with sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:19



S104	1	((impedance adj element with (impedance adj value)) and (chlorine with sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:20
S105	88	((impedance adj element with (impedance adj value)) and (sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:21
S106	6	((impedance adj element with (impedance adj value)) and (sensor) and "M.OMEGA"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:21
S107	9	((impedance adj element with (impedance adj value)) and (sensor) and ("M.OMEGA" or "k.OMEGA")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:22
S108	5255	(resistor) and ac and ("M.OMEGA" or "k.OMEGA")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:31
S109	190	S108 and ((chlorine or ph or water) with sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:31
S110	2	("5355577").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/21 17:00
S111	2	"20070152206"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 17:03
S112	79	offset with voltage with ampli\$6 with superpos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:17
S113	0	S112 and (water with qualiity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:17
S114	1	S112 and (water with quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:17
S115	1	superimpose with offset with voltage with sense with voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:30
S116	0	superimpose with offset with voltage and (galvanic adj sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:33
S117	0	offset with voltage with sensed with voltage and (galvanic adj sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:33
S118	5	calibrate with galvanic with (sensor or cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:37

S119	370	calibrate with offset with voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:42
S120	70	calibrate with offset with voltage with amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:42

**EAST Search History (Interference)**

&lt; This search history is empty &gt;

**4/ 22/ 2010 11:04:05 AM****C:\ Documents and Settings\ JDIETERLE\ My Documents\ EAST\ Workspaces\ 10578442.wsp**